



## PRESS RELEASE



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### PRIORITISING SAFETY IN THE HYDROGEN TRANSITION, VISIT STAND 4T49 AT HYVOLUTION



*The challenges of hydrogen are many, and the issue of safety will be addressed on the joint Teledyne Gas and Flame Detection and Teledyne Flir stand (T49, Hall 4) at the Hyvolution trade show, January 28th, 29th and 30th, 2025 in Paris, Porte de Versailles, France.*

Recently, Teledyne Gas and Flame Detection celebrated 190 years of experience in gas detection, including 75 years of [Teledyne Oldham Simtronics](#), a historic, family-run company that designs over 55,000 gas detectors and control units north of Paris, and 75 years of [Teledyne GMI](#), a portable gas detection specialist based in Scotland, UK. Among the new products you'll find on their stand are solutions dedicated to hydrogen: [the MEMS cell](#), [the GS700 - Hydrogen](#) portable detector, and the [Spyglass™](#) flame detector.

Teledyne Gas and Flame Detection supports players in the hydrogen value chain [by meeting their safety challenges](#). From production to storage, compression and usage, its gas and flame detection solutions guarantee optimum protection, putting safety at the heart of the transition to hydrogen.



Among their latest product releases, the Spyglass IR3 H2 flame detector will be showcased with its new functionality that allows for the detection of hydrocarbons, enhancing safety with better response time, false alarm immunity, and SIL2 compliance.

The emblematic sensor of the [OLCT 100](#) range now incorporates 2 new cells: [one with infrared technology specially designed for methane detection](#), the other [with MEMS thermal conductivity technology \(for detection of methane, hydrogen, butane and propane\)](#). These technologies ensure optimum measurement stability while remaining impervious to poisoning.

With an extensive range of products and solutions dedicated to the hydrogen sector, Teledyne Gas and Flame Detection also provides [turnkey services: from commissioning to maintenance](#), it offers the [best after-sales network in France, with over 50 technicians at your disposal](#).

Among the other products on display, the [MX 62 TP central detection](#) unit stands out for its ability to manage up to 64 secure channels. Equipped with a high-resolution touch screen, it provides a clear display of critical gas detection data. It also incorporates advanced features such as remote management via an on-board web page, optional SMS text messaging for added flexibility, and event logging with secure user profiles, guaranteeing modularity and reliability.

Your site's protection can also be assured by a wide range of detectors, such as [the OLCT20](#), ideal for initial installation applications. Thanks to its small size, this detector is ideally suited to shelters, skids or confined spaces, as well as on-board applications. Another solution is the [DG, an intelligent gas detector](#) with easy-to-configure, easy-to-maintain "cartridge" cells that can be replaced without disconnecting the power supply to the detector, minimizing system downtime.

Portable detectors, manufactured in Scotland, UK, will also be on display. These include the brand-new [GS700-Hydrogen](#), capable of detecting both natural gas and hydrogen in a single device, the reliable and proven BM25 transportable multi-gas beacon, and [the PS200 portable detector](#), an up-to-four gas personal detection device which is a must have for many applications. Continuous demonstrations will be offered throughout the day.



Finally, if you need clarification on hydrogen regulations, don't miss the free conference on "The regulatory environment and feedback on hydrogen detection", given by our Product Line Manager on January 29, at 2:30 p.m. in Forum 3.

[FLIR, a Teledyne company](#), will also be exhibiting its latest acoustic imaging camera: [FLIR Si2x](#), specially designed for ATEX gas and dust zones. Compact, lightweight and easy to use, this solution makes it possible to detect, locate and measure pressurized gas leaks such as hydrogen with just one hand. Equipped with 124 MEMS microphones, an 8x zoom and a 12 MP digital camera with high-resolution TFT LCD screen (1280x720p), the Si2x camera is a high-performance sonic and ultrasonic inspection tool. Its technology enables it to be used in very noisy environments, as sound and ultrasound emissions are directional and highly localized, enabling the camera to position the source on the real image delivered by the integrated video camera. By combining a set of microphones, it is thus possible to locate the source very precisely on the image with minor influence of environmental factors such as temperature, humidity or wind at greater distances. With a range of 0.3 to 200 meters, it guarantees enhanced safety for users, identifying even the tiniest leaks and estimating their size and cost. With minimal training and prior adjustments required, the Si2x boasts an operating time of 2.5 hours. What's more, a 5-minute video recording function is particularly useful in the event of an audit.



Teledyne Gas and Flame Detection and Teledyne Flir expert teams will be on stand 4T49 to help you put safety at the heart of your transition to hydrogen, and meet the challenge of detecting the invisible hydrogen flame.

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**About us:**

Every customer scenario demands a different, customized approach, and Teledyne Gas & Flame Detection applies expertise in building the right plan for the right hazards every time. Our complete portfolio and industry-leading of fixed and portable gas and flame detection solutions offer expert perspective and quality products you can rely on in the most critical situations. When it comes to superior value, efficacy, efficiency, and service, the gas and flame detection team from Teledyne delivers like no one else. **Always sensing safety, everywhere you look.**

For more information, visit [www.teledynegasandflamedetection.com](http://www.teledynegasandflamedetection.com) or contact [gasandflamedetection@teledyne.com](mailto:gasandflamedetection@teledyne.com)

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